

Symmetrical Type Silicon Varistor

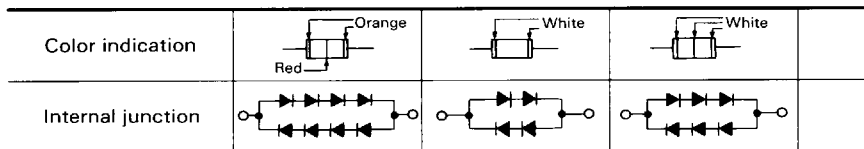
SV

- Applications: Switchboard (specification 3491)
Divided voltage stabilization circuit, Signal control circuit,
Temperature detection circuit, Zener voltage stabilization circuit,
Meter protection circuit

Maximum Ratings

Ta = 25°C

Item	Symbol	SV-2SS	SV-3SS	SV-4SS	Unit
DC forward current	I _F	150	250	150	mA
Junction temperature	T _j	-40 ~ +100			°C
Storage temperature	T _{stg}	-40 ~ +100			°C



DC Characteristics

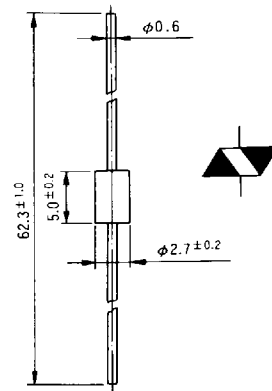
Both directions, Ta = 25°C

Item	Symbol	Condition	SV-2SS	SV-3SS	SV-4SS	Unit
Forward voltage	V _F	I _F = 100mA	4 max	2 max	—	V
		I _F = 1 mA	—	—	1.8 ± 0.2	
		I _F = 10mA	—	—	2.15 ± 0.2	
		I _F = 30mA	—	—	2.40 ± 0.25	
Forward current	I _F	V _F = 1.2V	50max	—	—	μA
		V _F = 0.6V	—	50max	—	
		V _F = 0.9V	—	—	50max	

Outline Drawing

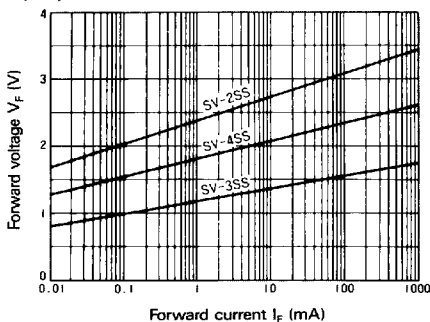
Unit: mm

Resin molded type
Nonflammability: UL94V-O or equivalent

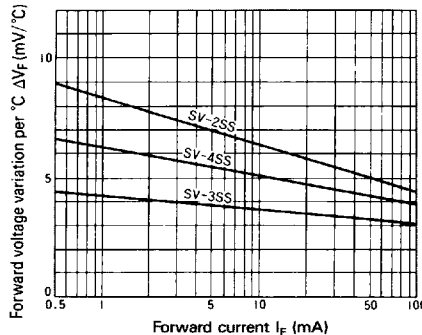


Weight: Approx. 0.3g

V_F - I_F Characteristics



ΔV_F - I_F Characteristics



I_F (%) - Ta Characteristics

